



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 · FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

www.buldingcodeonline.com

La Finestra, L.C.
2790 N.W. 104 Court
Miami, FL 33172

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "EKU-53" Outswing Aluminum Casement Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **FIN-B16/06R2**, titled "Series EKU-53 Aluminum Casement Window (Hi - Load)", sheets 1 through 6 of 6, dated 12/19/07, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved" or the Product Control Seal, unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** NOA # **05-0725.03** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 08-0110.10
Expiration Date: February 27, 2013
Approval Date: February 28, 2008
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **FIN-B16/06R2**, titled "Series EKV-53 Aluminum Casement Window (HI-LOAD)", sheets 1 through 6 of 6, dated 12/19/07, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E.

B. TESTS

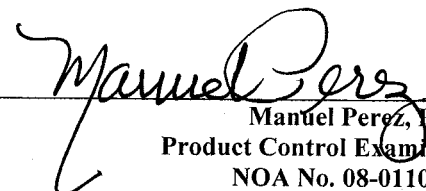
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an Aluminum Out-Swinging Entrance Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4531**, dated June 1, 2005, witnessed by Edmundo Largaespada, P.E.
(Submitted under NOA # 05-0725.03)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an out swing wood door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **FTL-3881**, dated August 23, 2004, witnessed by Edmundo Largaespada, P.E.
(Submitted under NOA # 05-0203.02)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, dated 02/08/06, prepared by Bromley-Cook Engineering, Inc, signed and sealed by William D. Cook, P.E.
Complies with ASTM E1300 -98

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0110.10
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La Finestra

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III G Clear or colored Interlayer**" dated 05/04/06, expiring on 05/21/11.
2. Notice of Acceptance No. **03-1117.01** issued to Surface Specialties, Inc. for their "**Uvekol a Laminate Glass Component**", dated 01/29/04, expiring on 02/08/09.

F. STATEMENTS

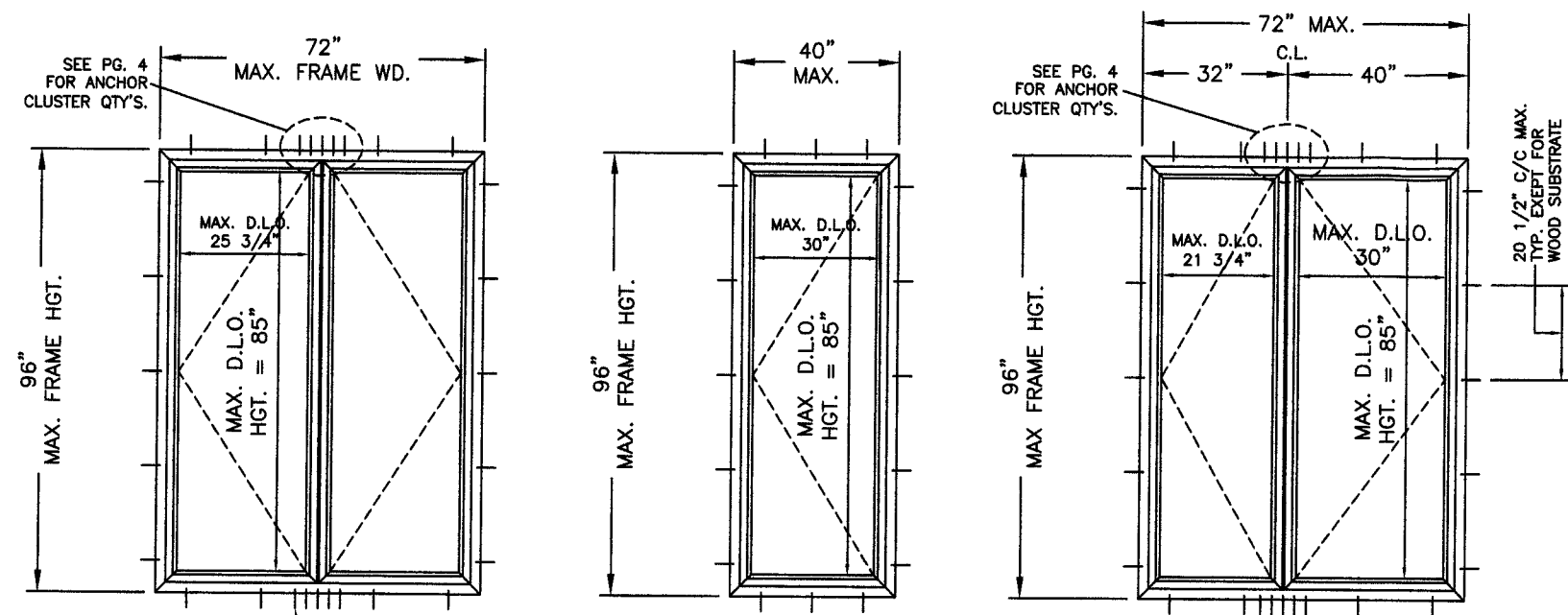
1. Statement letter of conformance, dated December 27, 2007, signed and sealed by William D. Cook, P.E.
2. Statement letter of no financial interest, dated December 27, 2007, signed and sealed by William D. Cook, P.E.
3. Laboratory compliance letter for Test Report No. **FTL- 4531**, issued by Fenestration Testing Laboratory, Inc., dated July 11, 2005, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under NOA # 05-0725.03)
4. Laboratory compliance letter for Test Report No. **FTL- 3881**, issued by Fenestration Testing Laboratory, Inc., dated October 18, 2004, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under NOA # 05-0203.02)

G. OTHER

1. Notice of Acceptance No. **05-0725.03**, issued to **La Finestra** for their "Series "EKU-53" Outswing Aluminum Casement Window – L.M.I.", approved on 04/06/06 and expiring on 02/27/08.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0110.10
Expiration Date: February 27, 2013
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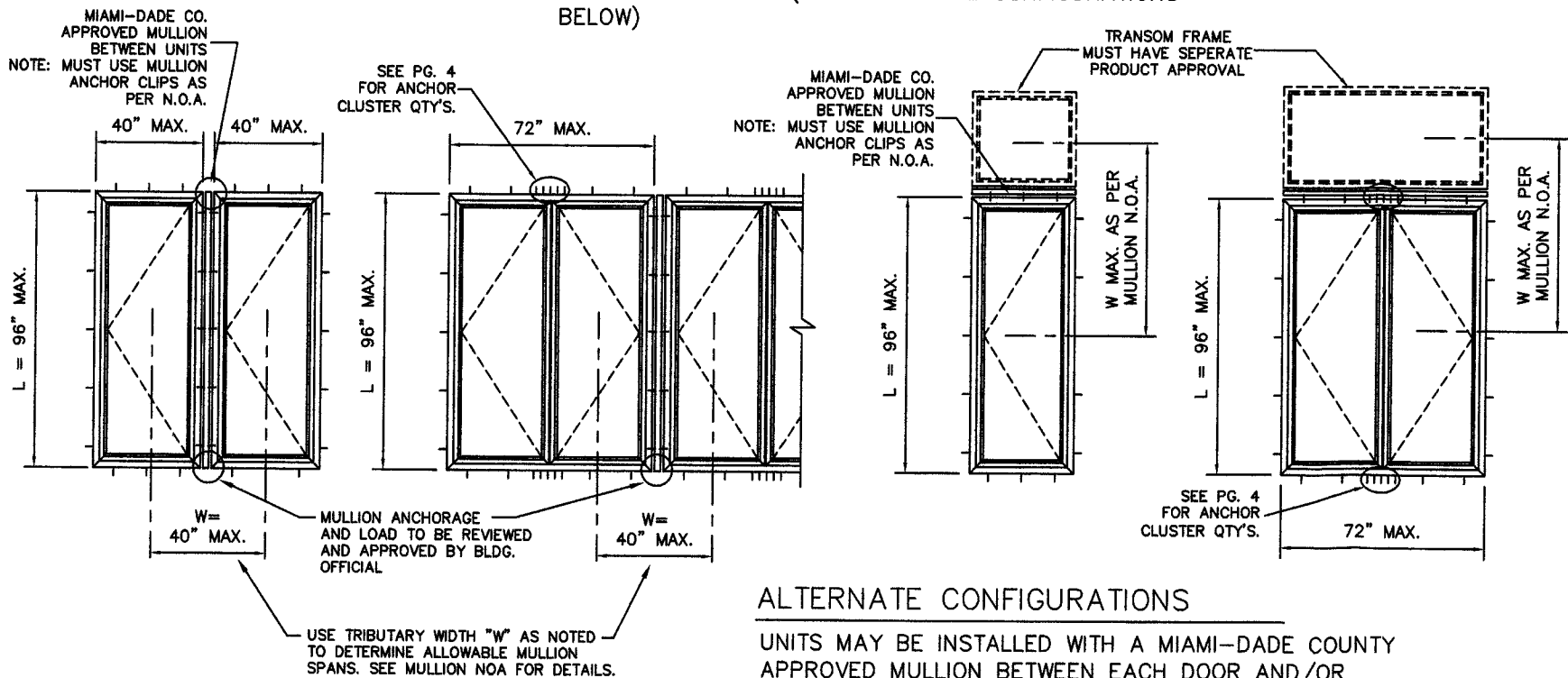
LA FINESTRA, LC
SERIES: EKU 53 CASEMENT WINDOW (HIGH LOAD)



TYPICAL CONFIGURATIONS

MAX. WINDOW SIZES SHOWN

MULTIPLE UNITS STACKED SIDE BY SIDE
MUST HAVE APPROVED MULLIONS BETWEEN
EACH DOOR FRAME (SEE ALTERNATE CONFIGURATIONS
BELOW)



ALTERNATE CONFIGURATIONS

UNITS MAY BE INSTALLED WITH A MIAMI-DADE COUNTY
APPROVED MULLION BETWEEN EACH DOOR AND/OR
FRAME. THE LOWEST DESIGN PRESSURE
FOR THE DOOR, TRANSOM OR MULLION WILL
CONTROL.

GLASS SCHEDULE

LARGE MISSILE IMPACT RESISTANT

GL-1 = 7/16" (.454") LAMINATED
3/16" (.182") ANNEALED - .090" P.V.B.
INTERLAYER (DUPONT BUTACITE)-
3/16" (.182") ANNEALED.

GL-2 = 7/16" (.454") LAMINATED
3/16" HEAT STRENGTHENED- .090" P.V.B.
INTERLAYER (DUPONT BUTACITE)-
3/16" HEAT STRENGTHENED

GLASS CHART

TYPE	MAX. D.L.O.	MAX. DESIGN PRESSURE
GL-1	21 3/4" X 85"	+110.0, -110.0 P.S.F.
	30" X 85"	+98.9, -98.9 P.S.F.
GL-2	30" X 85"	+110.0, -110.0 P.S.F.

WATER INFILTRATION TEST PRESSURE = 16.5 P.S.F.
WITH STANDARD THRESHOLD ONLY - A.D.A. COMPLIANT
THRESHOLD NOT APPROVED FOR WATER INFILTRATION

NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED TO COMPLY WITH THE REQUIREMENTS
OF THE HIGH VELOCITY HURRICANE ZONE AS DESCRIBED IN
THE "2004 FLORIDA BUILDING CODE"
2. THIS WINDOW SYSTEM HAS BEEN TESTED, ENGINEERED AND APPROVED
FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN SCHEDULE.
3. BUCK, OPENINGS & BUCK FASTENERS MUST BE DESIGNED & INSTALLED
TO WITHSTAND WIND LOADS FOR EACH APPLICATION. THE DESIGN &
ENGINEERING OF BUCKS SHALL BE PROVIDED BY "THE ENGINEER OF RECORD"
4. BUCK FASTENERS MAY NOT EXCEED 16" O.C. SPACING AROUND OPENINGS.
5. THE SYSTEM SHOWN HEREIN WAS TESTED FOR WATER, AIR, IMPACT, CYCLIC
& UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE
COUNTY PROTOCOLS PA-201, 202 & 203.
6. ONE-THIRD INCREASE IN ALLOWABLE MATERIAL STRESS LIMITS FOR SHORT
DURATION WIND LOAD NOT USED IN THE DESIGN CALCULATIONS.

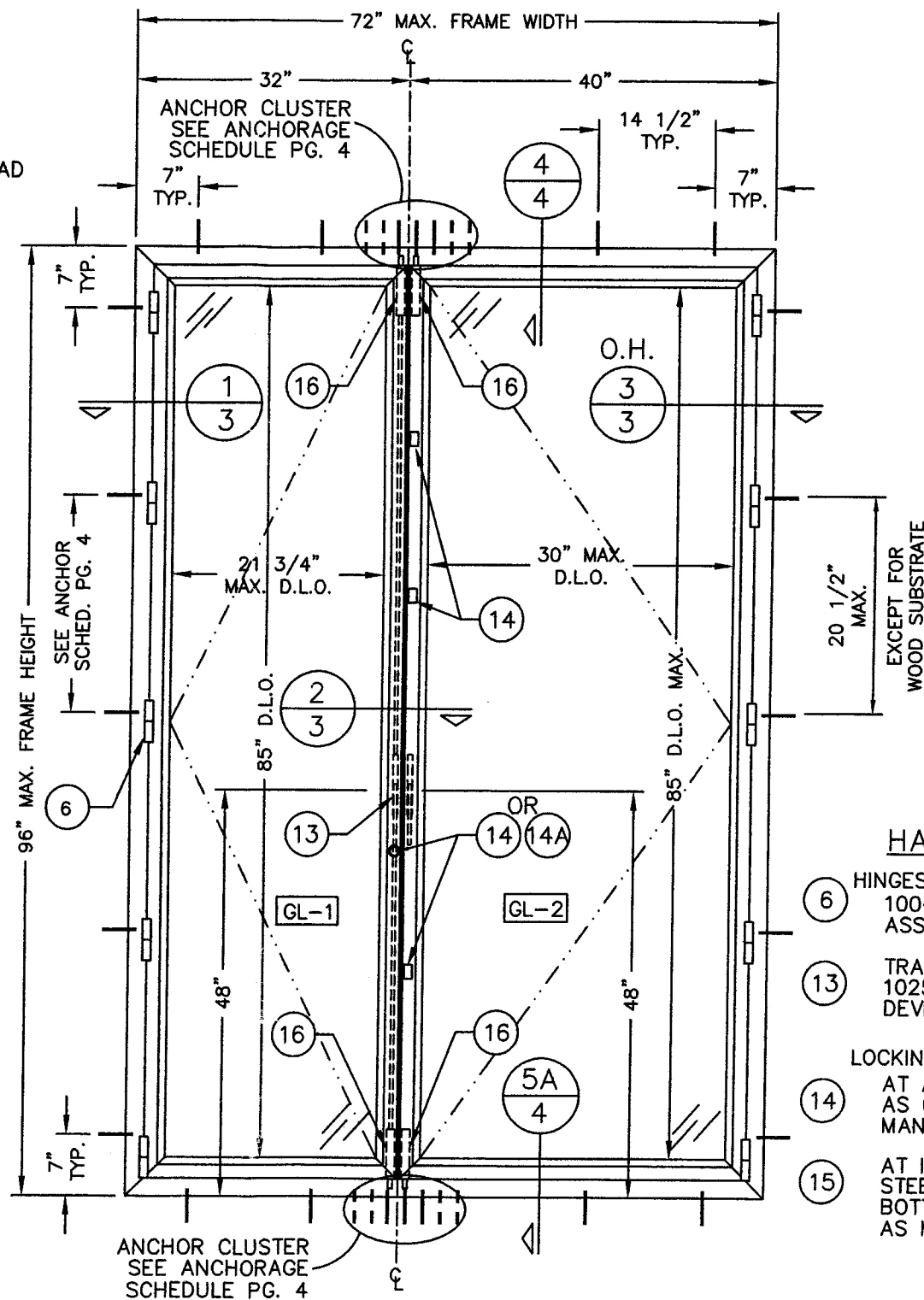
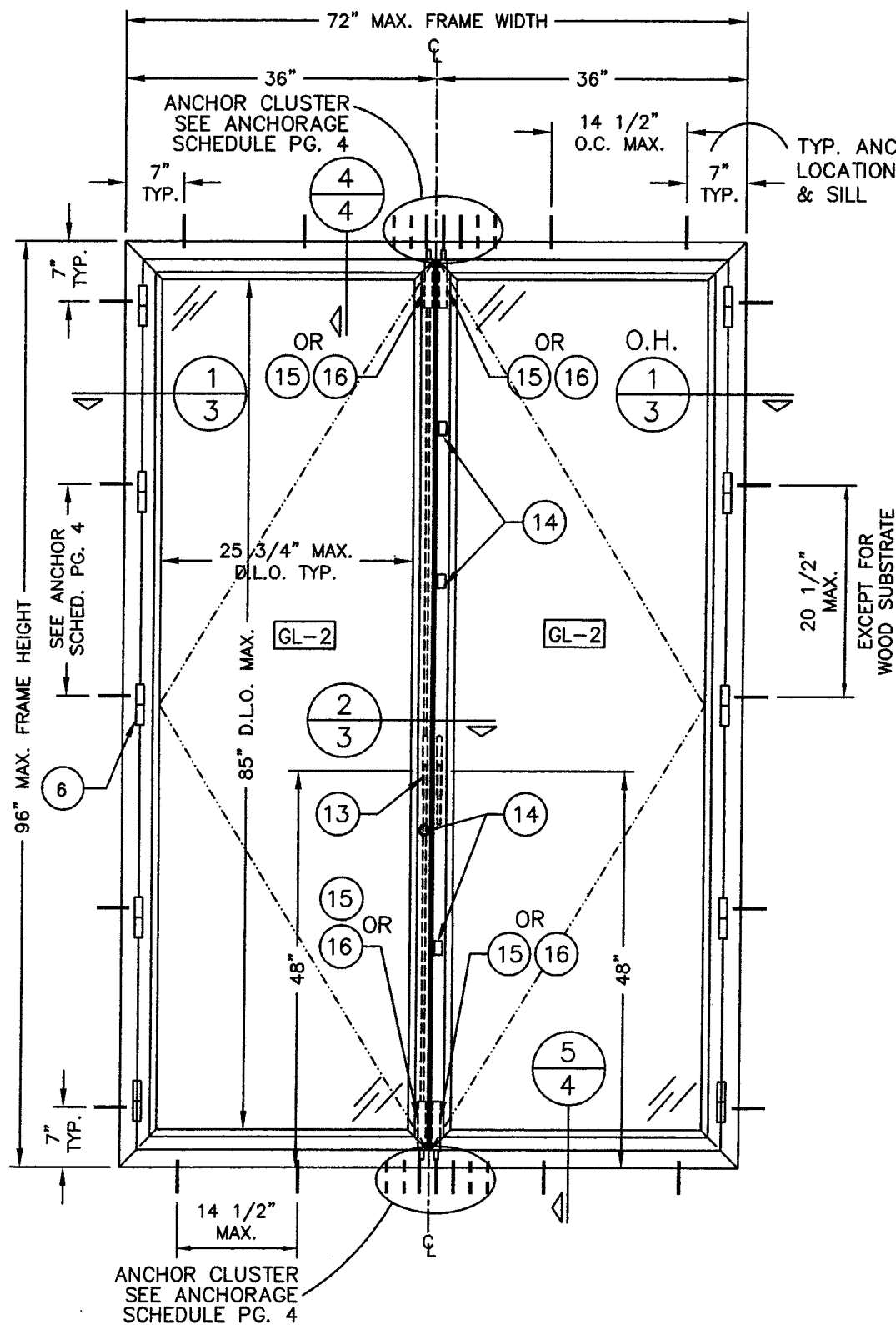
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0110.10
Expiration Date FEB. 27, 2013
By: *Mauro Jery*
Miami Dade Product Control
Division

LA FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 N.W. 104 Court
Miami, FL 33172
Phone (305) 599-8093
Fax (305) 592-4671

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FL 33309
WILLIAM D. COOK P.E. #43904
S.I. #2008

PRODUCT:
SERIES EKU-53
ALUMINUM CASEMENT
WINDOW (HI-LOAD)

REVISIONS	DATE	BY	DESCRIPTION
No.			
DATE: 12/19/2007	SCALE: AS NOTED	DWG. BY: R.P.	CHK. BY:
DRAWING No.: FIN-B16/06R2			
SHEET 1 OF 6			



HARDWARE:

- 6 HINGES:
100-120X 4" LG. TWO PIECE HINGE ASS'Y AS MANUFACTURED BY "G.S.G."
- 13 TRANSMISSION:
1025 TRANSMISSION MOVEMENT DEVICE AS MANUFACTURED BY "G.S.G."
- 14 LOCKING:
AT ACTIVE LEAF-
AS 6570 5-POINT LOCK SYSTEM AS MANUFACTURED BY "K.F.V."
- 15 AT INACTIVE LEAF-
STEEL FLUSH BOLTS AT TOP & BOTTOM OF DOOR LEAF AS MANUFACTURED BY "A.G.B."

SERIES Eku-53 ALUMINUM CASEMENT WINDOW

(UNIT ELEVATIONS VIEWED FROM EXTERIOR)

SCALE: N.T.S.

PRODUCT REVISIONS

as complying with the Florida Building Code

Acceptance No. 08-0110.10

Expiration Date FEB. 27, 2013

By *Maurice Perez*
Miami Date Product Control Division

DATE: 12/19/2007

SCALE: AS NOTED

DWG. BY: R.P.

CHK. BY:

DRAWING No.:
FIN-B16/06R2

SHEET 2 OF 6

PRODUCT:

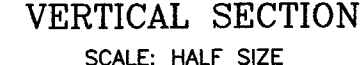
SERIES Eku-53
ALUMINUM CASEMENT
WINDOW (HI-LOAD)

REVISIONS	DATE	BY	DESCRIPTION
No.			

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE, SUITE 100
FORT LAUDERDALE, FL 33309

DEC 27 2007
WILLIAM D. COOK FL. P.E. #43904
S.I. #2008

LA FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 N.W. 104 Court
Miami, FL 33172
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ANCHOR CAPACITY CHART (WOOD SUBSTRATE)		
QTY. ANCHORS AT MID-POINT (CLUSTER)	ANCHORS AT JAMBS (MAX C/C SPACING)	MAXIMUM ALLOWABLE DESIGN PRESSURE
4 SPACED 2 1/2" APART	18" C/C	≤ 60 P.S.F.
5 SPACED 2 1/2" APART	15" C/C	≤ 70 P.S.F.
6 SPACED 2 1/2" APART	13" C/C	≤ 80 P.S.F.
6 SPACED 2 1/2" APART	12" C/C	≤ 90 P.S.F.
7 SPACED 2 1/2" APART	9" C/C	>90-110 P.S.F.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0110-10
Expiration Date FEB 21, 2013
By Marcus Jera
Miami Dade Product Control
Division

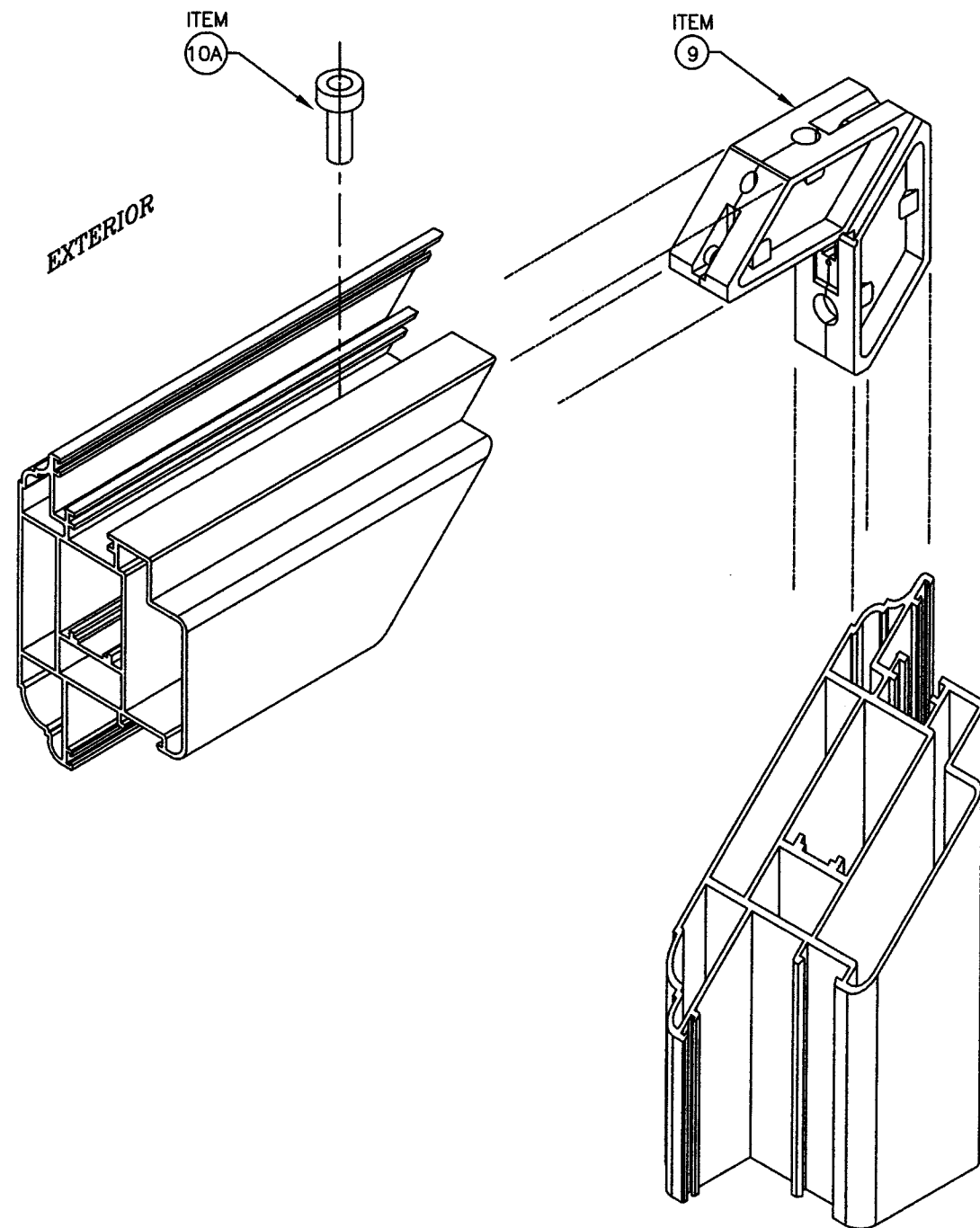
REVISIONS	
No.	DATE BY DESCRIPTION

DATE: 12/19/2007	SCALE: AS NOTED	DWG. BY: R.P.	CHK. BY:
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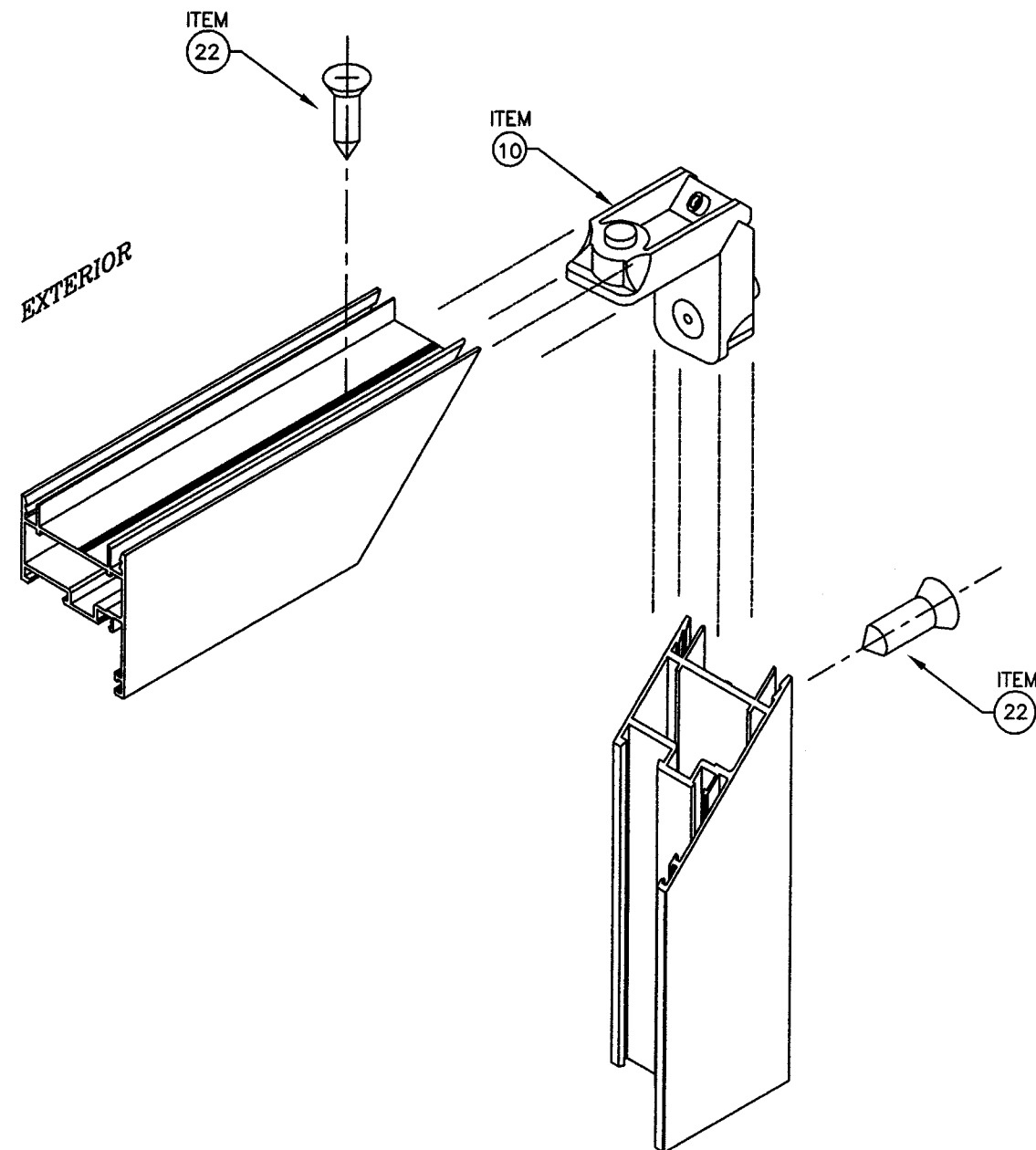
DRAWING No.:

FIN - B16/06R2

SHEET 4 OF 6



DOOR PANEL CORNER DETAIL



DOOR FRAME CORNER DETAIL

PRODUCT REVISION
as complying with the Florida
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Acceptance No. 08-0110-10
Expiration Date FEB. 27, 2013
By *Manuel Perez*
Miami Dade Product Control
Division

REVISIONS		DATE		BY		DESCRIPTION	
No.							

DATE: 12/19/2007	SCALE: AS NOTED	DWG. BY: R.P.	CHK. BY:

DRAWING No.: FIN-B16/06R2
SHEET 5 OF 6

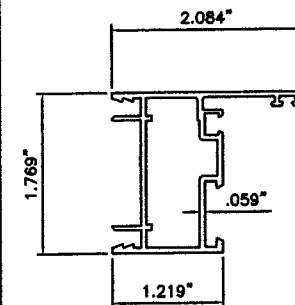
PRODUCT:
SERIES EKV-53
ALUMINUM CASEMENT
WINDOW (HI-LOAD)

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
6440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FL 33309
DEC 27 2007
WILLIAM V. COOK FL. P.E. #43904
S.I. #2008

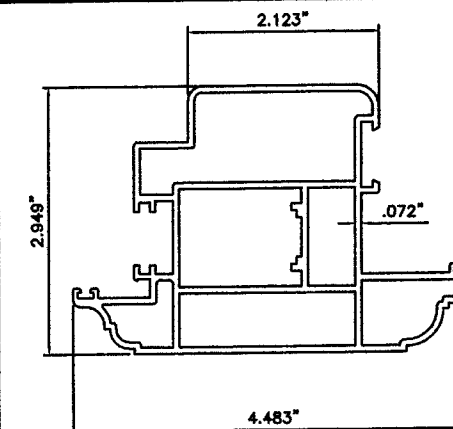
LA FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 N.W. 104 Court
Miami, FL 33172
Phone (305) 599-8093
Fax (305) 592-4671

BILL OF MATERIALS

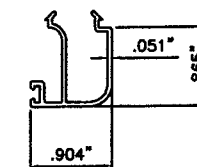
ITEM	PART No.	QUANTITY	DESCRIPTION	MATERIAL	LOCATION	MANUFACTURER
1	7011	4	FRAME HEAD/JAMB/RESIDENTIAL SILL	AL.AL. -6060-T5	DOOR FRAME	PROFILATI SpA
2	Z16012	4	PANEL HEAD/JAMB/SILL	AL.AL. -6060-T5	DOOR PANEL	PROFILATI SpA
3	Z16014	1	ASTRAGAL	AL.AL. -6060-T5	INACTIVE LEAF PANEL JAMB	PROFILATI SpA
4	4195	4/VENT	GLAZING BEAD	AL.AL. -6060-T5	PANEL PERIMETER	PROFILATI SpA
5	6009	1	COMMERCIAL THRESHOLD	AL.AL. -6060-T5	FRAME BOTTOM	PROFILATI SpA
6	100-120X	5/VENT	4" LG. TWO-PIECE HINGE ASSY.	AL.AL. -6060-T5	PANEL AND FRAME JAMBS	GSG
7	N/A	2 EA. LITE OF GLASS	1/4" X 1/2" X 3" LG. SETTING BLOCK	EXTRUDED SILICONE	6" FROM ENDS	GENERIC
8	2509	2	FLUSHBOLT STRIKE PLATE (4" LONG)	AL.AL. -6060-T5	FLUSHBOLTS (TOP/BOTTOM)	PROFILATI SpA
9	0409	1 EA. CORNER	PANEL CORNER KEY	CAST ALUMINUM	FRAME CORNERS	MONTICELLI
10	5004	1 EA. CORNER	FRAME CORNER KEY	CAST ALUMINUM	PANEL CORNERS	MONTICELLI
10A	0706	2 EA. CORNER	.370" DIA. METTALIC PIN	CAST ALUMINUM	FRAME CORNERS	MONTICELLI
11	Z17173	1	STRIKE PLATE FOR LOCK SYSTEM	AL.AL. -6060-T5	ASTRAGAL	PROFILATI SpA
12	SERIES 800	1/VENT	OPERATING HANDLE	ALUMINUM	AT EACH PANEL JAMB	PASSINI
13	1025	1	TRANSMISSION MOVEMENT DEVISE	ZAMA/S.S.	PANEL JAMB (ASTRAGAL SIDE ONLY)	GSG
14	AS 6570	1/VENT	FIVE POINT LOCK SYSTEM	ZINC/IRON/S.S.	PANEL JAMB	KFV
14A	AGB	1/VENT	MULTIPLE POINT LOCK SYSTEM	ZINC/IRON/S.S.	PANEL JAMB	AGB
15	AGB	2/VENT	FLUSH BOLT	ZINC/IRON/S.S.	PANEL JAMB AT TOP & BOTTOM	GSG
16	KFV	2/VENT	FLUSH BOLT (HEAVY DUTY)	STAINLESS STEEL	PANEL JAMB AT TOP & BOTTOM	KFV
17	2666	AS REQ'D.	WEATHERSTRIP GASKET	EPDM	FRAME JAMB/ASTRAGAL/FRAME PANEL	PROFILATI SpA
18	2195	AS REQ'D.	WEDGE GASKET	EPDM	PANEL GLAZING PERIM. (INTERIOR)	PROFILATI SpA
19	----	2/EACH	# 10 x 2 1/2" FH.SMS. (ASSEMBLY)	PLATED STEEL	FLUSHBOLT STRIKE PLATE	----
20	----	SEE ELEV.	# 8 x 1 1/2" FH.SMS. (ASSEMBLY)	PLATED STEEL	ASTRAGAL (SINGLE ROW)	----
21	----	SEE ELEV.	1/4" DIA. TAPCONS (INSTALLATION)	COATED STEEL	FRAME PERIMETER (SINGLE ROW)	ELCO OR BUILDDEX
22	----	2 EA. CORNER	#14 X 3/4" FH. SMS. (PANEL ASS'Y)	PLATED STEEL	PANEL CORNERS	----
23	895/995	CONTINUOUS	STRUCTURAL SILICONE	SILICONE	PERIMETER GLASS TO METAL	PECORA OR DOW CORNING
24	----	SEE ELEV.	#14 F.H. WD. SCREWS (INSTALLATION)	COATED STEEL	FRAME PERIMETER (SINGLE ROW)	ISC



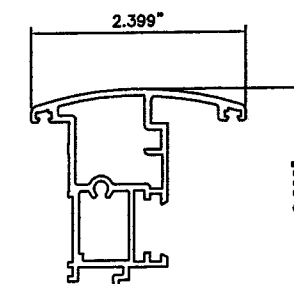
① 7011 - FRAME HEAD-JAMB-SILL



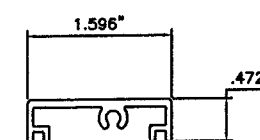
② Z16012 PANEL HEAD/JAMB/SILL



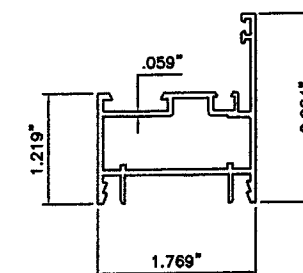
④ 4195 GLAZING BEAD



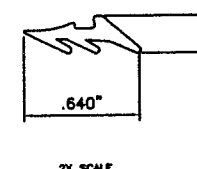
③ Z16014 ASTRAGAL



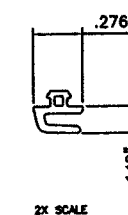
⑤ 6009 COMMERCIAL THRESHOLD



①A 7011 - RESIDENTIAL SILL



⑱ 2195 WEDGE GASKET



⑰ 2666 WEATHERSTRIP GASKET

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0110-10
Expiration Date FEB. 21, 2013
By: *Marcus Perry*
Miami Trade Product Control
Division

LA FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 N.W. 104 Court
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6440 NW 33RD AVENUE SUITE 100
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DEC 27 2007
WILLIAM J. COOK P.E. #43904
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PRODUCT:
**SERIES EKV-53
ALUMINUM CASEMENT
WINDOW (HI-LOAD)**

REVISIONS	NO.	DATE	BY	DESCRIPTION

DATE: 12/19/07
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DWG. BY: R.P.
CHK. BY:
DRAWING No.:
FIN-B16/06R2
SHEET 6 OF 6